

JF w

PTO/SB/21 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/826,885	
	Filing Date	04/16/2004	
	First Named Inventor	WAYCULIS, John J.	
	Art Unit	1764	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	6	Attorney Docket Number	200306 USA

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): (1) 48 Cited References; (2) Return Post Card Receipt
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Jack E. Ebel		
Signature			
Printed name	Jack E. Ebel		
Date	Dec. 10, 2004	Reg. No.	28,148

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	JACK E. EBEL	Date	Dec. 10, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of
WAYCUILIS, John J.

Serial No.: 10/826,885
Filed: April 16, 2004

Art Unit: 1764
Examiner: unknown

Docket No.: 200306 USA

For: PROCESS FOR CONVERTING GASEOUS ALKANES TO LIQUID
HYDROCARBONS

December 10, 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR § 1.56**

The references listed on the accompanying Form PTO/SB/08A may be material to the examination of the above-captioned patent application and are therefore disclosed by the applicant in compliance with the duty of disclosure defined in 37 CFR § 1.56.

This Information Disclosure Statement, which is submitted in accordance with 37 CFR §§1.97 and 1.98, is not to be construed as a representation that a search has been made, that additional matter material to the examination of this application does not exist,

.....
CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO MAIL STOP AMENDMENT, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 ON THE DATE BELOW.

DEC. 10, 2004

Date of Signature

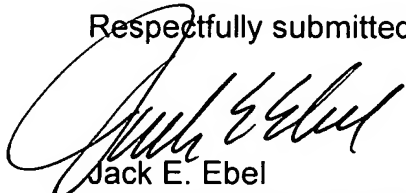
Jack E. Ebel
Jack E. Ebel

or that the references listed on Form PTO/SB/08A constitute prior art under 35 U.S.C. §102.

No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing below, after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 CFR § 1.56 (c) more than three months prior to the filing of this information disclosure statement

It is requested that the listed reference be made of record, if appropriate, in the prosecution of this application. Copies of the listed references are enclosed.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Jack E. Ebel", is written over the typed name.

Jack E. Ebel
Attorney for Applicants
Reg. No. 28,148
303 239-9883



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

(Use as many sheets as necessary)

Sheet	1	of	3
-------	---	----	---

Complete if Known

Application Number	10/826,885
Filing Date	04/16/2004
First Named Inventor	WAYCUILIS, John J
Art Unit	1764
Examiner Name	unknown
Attorney Docket Number	200306 USA

U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (<i>if known</i>)			
	1	US- 2,168,260	08-01-1939	Heisel et al.	
	2	US- 2,246,082	06-17-1941	Vaughan et al.	
	3	US- 2,488,083	11-15-1949	Gorin et al.	
	4	US- 2,677,598	05-04-1954	Crummett et al.	
	5	US- 2,941,014	06-14-1960	Rothweiler et al.	
	6	US- 3,172,915	03-09-1965	Borkowski et al.	
	7	US- 3,246,043	04-12-1966	Rossett et al.	
	8	US- 3,562,321	02-09-1971	Borkowski et al.	
	9	US- 3,598,876	08-10-1971	Bloch	
	10	US- 3,702,886	11-14-1972	Argauer et al.	
	11	US- 3,876,715	04-08-1975	McNulty et al.	
	12	US- 3,894,107	07-08-1975	Butter et al.	
	13	US- 4,197,420	04-08-1980	Ferraris et al.	
	14	US- 4,347,391	08-31-1982	Campbell	
	15	US- 4,489,210	12-18-1984	Judat et al.	
	16	US- 4,523,040	06-11-1985	Olah	
	17	US- 4,652,688	03-24-1987	Brophy et al.	
	18	US- 4,665,270	05-12-1987	Brophy et al.	
	19	US- 4,748,013	05-31-1988	Saito et al.	

FOREIGN PATENT DOCUMENTS

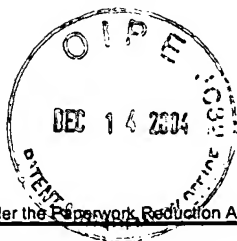
[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2

of 3

Complete if Known

Application Number	10/826,885
Filing Date	04/16/2004
First Named Inventor	WAYCUILIS, John J.
Art Unit	1764
Examiner Name	Unknown
Attorney Docket Number	200306 USA

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	20	US- 4,769,504	09-06-1988	Noceti et al.	
	21	US- 4,795,843	01-03-1989	Imai et al.	
	22	US- 5,001,293	03-19-1991	Nubel et al.	
	23	US- 5,243,098	09-07-1993	Miller et al.	
	24	US- 5,276,240	01-04-1994	Timmons et al.	
	25	US- 5,334,777	08-02-1994	Miller et al.	
	26	US- 5,969,195	10-19-1999	Stabel et al.	
	27	US- 5,998,679	12-07-1999	Miller	
	28	US- 6,403,840	06-11-2002	Zhou et al.	
	29	US- 6,462,243	10-08-2002	Zhou et al.	
	30	US- 6,465,696	10-15-2002	Zhou et al.	
	31	US- 6,472,572	10-29-2002	Zhou et al.	
	32	US- 6,486,368	11-26-2002	Zhou et al.	
	33	US- 6,525,250	02-25-2003	Grosso	
	34	US- 6,465,699	10-15-2002	Grosso	
	35	US- 20030120121A1	06-26-2003	Sherman et al.	
	36	US- 20030125589A1	07-03-2003	Grosso	
	37	US- 20030166973A1	09-04-2003	Zhou et al.	
		US-			

FOREIGN PATENT DOCUMENTS

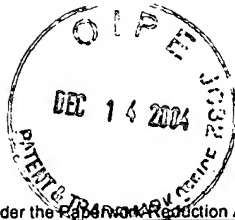
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	38	GB 474922 A	11-15-1937	Groves		
	39	GB 883256 A	11-29-1961	Eisenlohr		
	40	GB 2120249 A	11-30-1983	Johannes et al.		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/826,885		
		Filing Date	04/16/2004		
		First Named Inventor	WAYCUILIS, John J.		
		Art Unit	1764		
		Examiner Name	unknown		
Sheet	3	of	3	Attorney Docket Number	200306 USA

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	41	JLM TECHNOLOGY LTD.; "The Miller GLS Technology for Conversion of Light Hydrocarbons to Alcohols"; New Science for the Benefit of Humanity; 05/31/00; pp. 1-10.	
	42	JAUMAIN, Denis and SU, Bao-Lian; "Direct Catalytic Conversion of Chloromethane to Higher Hydrocarbons..."; 2000; pp. 1607- 1612; Studies in Surface Science and Catalysis 130.	
	43	TAYLOR, Charles E.; "Conversion of Substituted Methanes Over ZSM-Catalysts"; 2000; pp. 3633-3638; Studies in Surface Science and Catalysis 130; Elsevier Science B.V.	
	44	ZSM-5 Catalyst; http://chemelab.ucsd.edu/methanol/memos/ZSM-5.html ; 11/06/2003; p. 1.	
	45	FINAL REPORT; "Abstract"; http://chemelab.ucsd.edu/methanol/memos/final.html ; 5/09/2004; pp. 1-7.	
	46	DRISCOLL, Daniel J.; "Direct Methane Conversion"; Federal Energy Technology Center, U.S. Dept. of Energy; M970779; pp. 1-10.	
	47	OLAH ET AL.; "Selective Monohalogenation of Methane Over Supported..."; J. American Chemical Society 1985, Vol.107; 0002-7863/85/1507-7097\$01.50/0; pp. 7097-7105.	
	48	MURRAY ET AL.; "Conversion of Methyl Halides to Hydrocarbons on Basic Zeolites: A Discovery by in Situ NMR"; J. Am. Chem. Soc. 1993, Vol. 115; pp. 4732-4741.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.